

# Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report  
for  
May - 2006



*Distribution:*

Fluid Minerals Group Manager, Washington Office  
NMSO, New Mexico State Director  
NMSO, Associate State Director  
NMSO, Petroleum Engineer  
Field Manager, Amarillo Field Office  
Assistant Field Managers (3)  
Team Leaders  
-Federal Leased Lands  
-Resources Evaluation & Gas Analysis  
-Natural Gas Engineering

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Amarillo, Texas

Issued: August 10, 2006

**"Please Note: Data in this report is accurate as of print date; however all data is subject to change."**

Approved for distribution: *Nelson R. Bullard*

Date: 08/10/2006

Table 1 - Summary of Helium Operations

May - 2006

**Helium Enrichment Unit Operations**

**Gas Processed**

	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Plant Feed	669,553	177,503	26.51%	19,948,518	4,857,026
Helium Product	222,345	174,661	78.55%	6,119,068	4,797,870
Residue Natural Gas	295,106	0	0.00%	8,909,465	963

**Natural Gas & Liquids Produced**

**Gas Processed**

	Month	FYTD
Natural Gas Sales (Mcf***)	265,568	1,891,938
NGL Sales (gallons)	75,092	568,500

\*\*\* Volumes in Mcf at 14.73 psia & 60°F

**Bush Dome Reservoir Operations**

**Conservation gases from all sources**

	Month			Gross Cumulative	Net Cumulative
	Gross Volume	Net Helium	Average Percent		
Total Withdrawn	661,103	174,983	26.47%	154,574,789	24,366,779
Crude Injection	11,109	8,721	78.51%	65,508,749	47,273,838
Crude Production	0	0	00.00%	441,080	324,365

**Storage Operations**

**Conservation Helium**

	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	0	1,180,000	580,000	4,285,600
Conservation Helium in Storage (EOM)	24,137,206			

\* Volumes in Mcf at 14.65 psia & 60°F

**In Kind Helium**

	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred	23,171	120,955	68,798	1,737,664
Sale Volumes Outstanding	15,039			

Volumes in Mcf at 14.65 psia & 60°F

**Private Company Helium Storage Contracts**

**Contact Activity**

	Month			Annual Helium FYTD
	Gross Volume	Net Helium	Average Percent	
Crude Acquired	82,463	55,463	67.26%	504,082
Crude Disposed	294,116	220,184	74.86%	1,795,332
Net Balance	(211,653)	(164,721)		(1,291,250)
Balance of Stored Helium End Of Month		996,858		

Volumes in Mcf at 14.65 psia & 60°F

**Revenue / Charges**

**Helium Storage Contracts** (Charges Billed (\$))

	Month	FYTD
Storage Fees Billed (\$)	\$312,383	\$2,182,181
Reservoir Management Fees Billed (\$)	\$185,915	\$1,465,081

**Field Compressor Charges** (Charges Billed (\$))

	Month	FYTD
Funded by Cliffside Refiners, LP (provides for booster compression services)	(\$58,747)	(\$476,951)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	\$14,951	\$126,635
Net-Total (Funded by the four Refiners to the Cliffside Refiners, LP for the compression costs.)	(\$43,796)	(\$350,316)

**Enrichment Unit Charges** (Charges Billed (\$))

	Month	FYTD
Reservoir Management Fees (RMF)	\$185,915	\$1,465,081
Total operating costs	(\$873,427)	(\$6,975,554)
Sub Total - Items provided by BLM	\$404,927	\$3,227,554
Total - Cliffside Refiners, LP, GDA030001	(\$468,500)	(\$3,748,000)

**Conservation Helium - Natural Gas - Liquid Sales**

(Charges Billed (\$))

	Month	FYTD
Open Market Sales	\$17,797,500	\$83,267,500
In Kind Sales	\$0	\$4,562,057
Natural Gas & Liquid Sales	\$1,588,230	\$15,939,358

**Helium Resources Evaluation**

	Month	FYTD
Revenue Collected from Federal Lease Holds	\$685,870	\$4,997,695
Helium Sample Collection Report for month	Submitted - 26	Received - 2
		Analyzed - 136

\*Rounded to nearest dollar

Table 2 - Bush Dome Reservoir Operations

May - 2006

		Gross Withdrawal		Net Helium Withdrawal		Nitrogen		Methane		Ethane plus		Other (CO2, Ar, H2)	
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
<b>TOTAL</b>		<b>661,103</b>	<b>154,574,789</b>	<b>174,983</b>	<b>24,366,779</b>	<b>166,152</b>	<b>37,825,048</b>	<b>284,137</b>	<b>82,920,563</b>	<b>30,316</b>	<b>8,184,324</b>	<b>5,515</b>	<b>1,278,075</b>
BIVINS A-3	May-06	35,140	9,184,697	21,045	2,550,719	8,872	2,325,549	4,600	3,868,542	405	377,660	218	62,228
BIVINS A-6	May-06	849	7,626,680	666	4,306,246	161	1,906,910	16	1,265,225	0	122,363	6	25,936
BIVINS A-13	May-06	51,819	3,018,944	29,935	1,993,749	13,043	812,706	7,732	184,736	759	18,685	351	9,067
BIVINS A-14	May-06	0	3,317,443	0	2,338,187	0	865,448	0	96,969	0	9,477	0	7,361
BIVINS A-4	May-06	49,529	9,216,669	23,839	1,299,051	12,058	2,227,882	11,948	5,108,371	1,313	500,783	371	80,583
BUSH A-2	May-06	46,447	8,396,027	20,946	973,018	11,877	2,025,700	11,933	4,843,652	1,371	477,434	320	76,224
Injection	May-06	11,109	65,508,749	8,721	47,273,838	2,098	16,927,126	213	761,740	0	16	77	546,029
inj Bivins A-3	May-06	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	May-06	(8,255)	(23,469,328)	(6,478)	(16,941,779)	(1,561)	(6,296,882)	(159)	(124,277)	0	(7)	(57)	(106,384)
inj Bivins A-13	May-06	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	May-06	(2,854)	(6,501,333)	(2,243)	(4,767,421)	(536)	(1,602,106)	(54)	(126,303)	0	(7)	(20)	(5,497)
inj Bivins A-4	May-06	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	May-06	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	May-06	0	441,080	0	324,365	0	94,114	0	18,313	0	1,293	0	2,995
BIVINS A-1	May-06	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	May-06	27,849	11,678,337	4,181	1,732,798	6,877	2,876,684	14,972	6,349,389	1,588	624,747	231	94,718
BIVINS A-5	May-06	34,080	12,459,741	9,941	1,205,372	8,697	3,021,089	13,648	7,393,337	1,535	728,681	258	111,262
BIVINS A-7	May-06	30,983	8,702,390	10,814	1,754,445	8,054	2,165,714	10,689	4,292,023	1,220	425,156	207	65,053
BIVINS A-9	May-06	43,316	7,228,824	850	132,792	11,024	1,741,297	28,128	4,808,505	2,954	476,834	360	69,396
BIVINS A-11	May-06	34,062	3,477,832	695	64,504	8,622	844,612	22,105	2,304,372	2,327	230,804	313	33,540
BIVINS A-15	May-06	34,408	6,450,948	1,051	361,742	8,077	1,543,511	22,564	4,079,713	2,323	403,488	392	62,495
BIVINS B-1	May-06	43,338	4,302,236	1,997	173,623	10,648	1,034,489	27,411	2,774,023	2,870	278,600	412	41,501
BIVINS B-2	May-06	40,255	3,175,241	774	58,994	10,230	777,679	25,911	2,090,480	2,729	210,622	611	37,466
BUSH A-1	May-06	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	May-06	40,269	8,224,183	21,748	1,134,554	10,381	1,998,934	6,991	4,567,007	822	449,946	326	73,743
BUSH A-4	May-06	27,787	5,906,781	7,763	1,039,588	7,161	1,460,647	11,427	3,057,724	1,263	303,181	172	45,641
BUSH A-5	May-06	49,531	11,644,545	15,852	2,282,745	12,634	2,902,085	18,706	5,800,616	2,057	572,871	282	86,227
BUSH A-8	May-06	15,042	2,439,834	278	44,538	3,646	581,625	9,880	1,626,592	1,023	160,940	214	26,138
BUSH A-9	May-06	0	3,365,781	0	78,957	0	804,313	0	2,230,676	0	220,111	0	31,724
BUSH A-11	May-06	25,421	2,626,240	980	70,356	6,130	626,073	16,314	1,728,568	1,694	173,106	303	28,136
BUSH B-1	May-06	0	3,080,608	0	57,822	0	730,663	0	2,059,915	0	201,858	0	30,351
FUQUA A-1	May-06	0	2,953,536	0	53,843	0	702,652	0	1,974,811	0	193,534	0	28,697
FUQUA A-2	May-06	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	May-06	30,979	7,556,583	1,628	503,697	7,961	1,823,792	19,161	4,698,161	2,061	464,887	166	66,047
TT Fuel	May-06	0	0	17	0	198	0	539	0	56	0	7	0
field-wide pcts				26.47%	15.76%	25.13%	24.47%	42.98%	53.64%	4.59%	5.29%	0.83%	0.83%

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study from NITEC's interim report

As of EOM May-06

Volumes in BCF

Initial Gas In Place	330.040	
Produced 1924 to 1961	48.830	
Injected 1924 to 1961	0.450	
Remaining Gas In Place 1961	281.660	
Left Behind Pipe, 1961	82.060	====>> 1.500 BCF of contained helium
Remaining in Place, 1961	199.600	
Gas In Place 1961	199.600	
Produced 1961 to July 2002	82.450	
Injected 1961 to July 2002	64.510	Net Helium
Remaining Gas In Place July 2002	181.660	33.997
Produced July 2002 through Dec 2002	1.096	0.743
Production 2003 - 05	19.119	5.367
Injection 2003 - 05	(0.420)	(0.329)
Produced to Date 2006	3.079	0.862
Injected to Date 2006	(0.080)	(0.063)
Amount of Raw Gas Available to CHEU	158.866	====>> 27.416 total helium in reservoir
Estimated Bottom Hole Pressure	578.832	est z-factor 0.970

### Table 3 - Gas Volumes & Inventory

May - 2006

#### Crude Helium Enrichment Unit Operations

		Gross Withdrawal		Net Helium Withdrawal		Nitrogen		Methane		Ethane plus		Other (CO2, Ar, H2)	
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	May-06	669,553	19,948,518	177,503	4,857,026	168,815	5,013,123	287,087	8,947,261	30,623	960,557	5,525	170,551
Calculated Feed	May-06	661,103	20,200,984	174,983	4,929,739	166,152	5,075,857	284,137	9,054,858	30,316	968,319	5,515	172,210
Feed to Box	May-06	657,165	20,086,312	174,983	4,929,739	166,152	5,075,857	284,137	9,054,858	30,316	968,319	1,577	57,539
Cheu Product	May-06	222,345	6,119,068	174,661	4,797,870	41,920	1,158,027	4,222	120,737	0	263	1,541	42,169
Residue	May-06	295,106	8,909,465	0	963	7,793	220,749	261,164	7,895,159	26,149	791,413	0	1,181
Cold Box Vent	May-06	108,005	3,955,299	83	78,003	100,002	3,192,684	7,896	625,495	0	89	24	59,029
Flare/Boot Strap	May-06	0	0	0	0	0	0	0	0	0	0	0	0
Fuel From Cheu	May-06	12,933	213,008	6	154	384	5,994	10,465	171,545	2,078	35,315	0	0
Shrinkage/Loss	May-06	2,091	65,258	0	0	0	0	0	0	2,091	65,258	0	0
Unaccounted*	May-06	16,685	373,537	232	26,383	16,052	300,819	389	44,216	(0)	1,071	12	1,047

\*Before October 2004, the values are estimated

#### Storage Operations

##### Inventory (contained helium)

	Government	Private
Beginning inventory	24,166,110	1,138,408
net acceptances + redeliveries	0	0
	0	(164,721)
In Kind Transfers	(23,171)	23,171
Open Market Sales	0	0
Gain/loss	(5,733)	
Ending Inventory	24,137,206	996,858
Total Helium in Reservoir	27,416,210	
Total Helium in Storage	25,134,064	
Helium in native gas	2,282,146	

##### Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	44,898	33,889	75.48%
Measured to Pipeline (Private Plants)	82,764	55,614	67.20%
Measured from Pipeline (Private Plant)	294,127	220,184	74.86%
HEU Production	222,345	174,661	78.55%
Injection	11,109	8,721	78.51%
Production	0	0	0.00%
Ending Inventory	39,278	29,526	75.17%
Gain/Loss	(5,493)	(5,733)	

#### Tuck Trigg Reservoir Operations

Native Gas (Gross)	Month	Fiscal Year	Since Field
			Discovery
Total in place, beg. of period	5,198,688	5,198,688	5,890,000
Recoverable in place, beg. of period	4,528,688	4,528,688	5,220,000
Production during period to date	0	0	691,312
Total in place, end of month	5,198,688	5,198,688	5,198,688
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688

Table 4 - In Kind Helium Sales

May - 2006

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**	
<b>In Kind Helium</b>										
<b>Aeriform, Contract no. INC98-0101</b>									(billed quarterly)	
Month										
FYTD										
<b>AGA Gas, Inc., Contract no. INC98-0102</b>										
Month										
FYTD										
<b>AirGas, Inc., Contract no. INC98-0103</b>										
Month										
FYTD										
<b>Air Liquide Helium America, Inc., Contract no. INC98-0104</b>										
Month										
FYTD										
<b>Air Products, L.P., Contract no. INC98-0105</b>										
Month										
FYTD										
<b>BOC Global Helium, Inc., Contract no. INC98-0106</b>										
Month										
FYTD										
<b>Corp Brothers, Inc., Contract no. INC98-0107</b>										
Month										
FYTD										
<b>FIBA Technologies, Inc., Contract no. INC98-0108</b>										
Month										
FYTD										
<b>General Air Service &amp; Supply Co., Contract no. INC98-0109</b>										
Month										
FYTD										
<b>Jack B. Kelley Co., Contract no. INC98-0110</b>										
Month										
FYTD										
<b>Portland Welding Supply, Contract no. INC98-0111</b>										
Month										
FYTD										
<b>Praxair, Inc., Contract no. INC98-0112</b>										
Month										
FYTD										
<b>United States Welding, Inc., Contract no. INC98-0113</b>										
Month										
FYTD										
<b>Tri-Gas, Inc., Contract no. INC98-0114</b>										
Month										
FYTD										
<b>GT &amp; S, Contract no. INC00-0115</b>										
Month										
FYTD										
<b>Total month</b>	0	0	0	0	0	0	0	0	\$0	
<b>Total FYTD</b>	45,235	3,219	0	7,778	13,646	13,767	83,645	82,355	\$4,562,057	
<b>Total CYTD</b>	19,660	1,563	0	3,574	8,294	5,717	38,808	38,210	\$2,156,158	
<b>Cumulative</b>	1,037,155	36,320	186	218,226	255,579	232,796	1,780,262	1,752,628	\$89,645,349	
<b>In Kind Transfers</b>							Month	FYTD	CYTD	Cumulative
Transferred							23,171	120,955	68,798	1,737,664
Volume outstanding							15,039			

\* Volumes in Mcf at 14.7 psia & 70°F  
 + Volumes in Mcf at 14.65 psia & 60°F

\*\*Rounded to nearest dollar

Table 5 - Open Market/Reserve Sell-down

May - 2006

## Helium &amp; Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$) ** (billed quarterly)	
<b>Conservation Helium</b>					
<b><u>Air Liquide Helium America, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	50,000		50,000	\$2,625,000	
<b><u>Air Products, L.P.</u></b>					
Month	0	0	0	\$0	
FYTD	300,000	0	660,000	\$36,570,000	
Cumulative	1,500,400		1,500,400	\$81,011,000	
<b><u>BOC Global Helium, Inc.</u></b>					
Month	0	(135,000)	135,000	\$7,627,500	
FYTD	215,000	0	215,000	\$12,147,500	
Cumulative	1,899,000		1,899,000	\$101,982,500	
<b><u>Keyes Helium Co., LLC</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	40,000	\$2,180,000	
Cumulative	191,200		191,200	\$10,231,400	
<b><u>AGA Gas, Inc.</u></b>					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	50,000		50,000	\$2,700,000	
<b><u>Praxair, Inc.</u></b>					
Month	70,000	(160,000)	160,000	\$9,040,000	
FYTD	340,000	0	540,000	\$30,110,000	
Cumulative	800,000		800,000	\$44,280,000	
<b><u>Linde Gas LLC</u></b>					
Month	0	(20,000)	20,000	\$1,130,000	
FYTD	40,000	0	40,000	\$2,260,000	
Cumulative	110,000		110,000	\$6,075,000	
<b>Total month</b>	70,000	(315,000)	315,000	<b>\$17,797,500</b>	
<b>Total FYTD</b>	895,000	0	1,495,000	<b>\$83,267,500</b>	
<b>Total CYTD</b>	805,000		895,000	<b>\$50,567,500</b>	
<b>Cumulative</b>	4,600,600		4,600,600	<b>\$248,904,900</b>	
<b>Open Market Transfers</b>					
Transferred		Month	FYTD	CYTD	Cumulative
Volume outstanding		0	1,180,000	580,000	4,285,600
		315,000			

\* Volumes in Mcf at 14.65 psia &amp; 60°F

## Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$) ** (billed monthly)
<b><u>EI Paso Natural Gas</u></b>					
Provides Firm/Interruptible natural gas transportation services					
Month	293,340		321,326	(\$0.0871)	(\$27,996)
FYTD	1,928,976		2,116,016	(\$0.1070)	(\$226,403)
Cumulative	8,502,259		9,344,500	(\$0.1125)	(\$1,051,172)
<b><u>Minerals Management Service</u></b>					
Provides natural gas marketing services under a Cooperative Agreement					
Month					\$0
FYTD				(\$0.0031)	(\$5,903)
Cumulative				(\$0.0081)	(\$68,602)
<b><u>Cenergy Marketing</u></b>					
Month	265,568	0	290,903	\$5.281657	\$1,517,764
FYTD	1,891,938	0	2,075,455	\$7.501916	\$15,469,677
Cumulative	8,545,351	0	9,326,773	\$6.168067	\$57,199,442
<b><u>Seminole Transportation &amp; Gathering</u></b>					
Month	0	75,092	8,101	\$12.154241	\$98,462
FYTD	0	568,500	60,885	\$11.529701	\$701,986
Cumulative	0	2,063,770	217,404	\$9.476555	\$2,060,241
<b>Total month</b>	265,568	75,092	299,004	\$5.374227	<b>\$1,588,230</b>
<b>Total FYTD</b>	1,891,938	568,500	2,136,340	\$7.507967	<b>\$15,939,358</b>
<b>Total CYTD</b>	1,142,031	356,402	1,288,790	\$6.085072	<b>\$7,763,728</b>
<b>Cumulative</b>	8,545,351	2,063,770	9,544,177	\$6.126105	<b>\$58,139,909</b>

\*\*\* Volumes in Mcf at 14.73 psia &amp; 60°F

\*\*Rounded to nearest dollar

# Table 6 - Helium Resources Evaluation

May - 2006

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$679,612	\$4,968,145
Natural Gas Royalties (1)	\$1,934	\$21,494
Natural Gas Rentals	\$0	\$0
Other	\$7,805	\$49,214
Revenue Collected from Federal Lease Holds	\$685,870	\$4,997,695

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	26	182
Number of Samples Received	2	25
Number of Samples Analyzed	0	34
Total Number of Samples Analyzed For Resources Division	0	46
Total Number of Samples Analyzed (2)	136	1,135

## U. S. Helium Production

<i>Domestic</i>	CY Volumes
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold	4,584,904
2003 Helium Sold	4,393,555
2004 Helium Sold	4,692,699
2005 Helium Sold	4,800,782
2006 Helium Sold	4,500,000
<b>Estimated Helium Resources (as of 01/01/2003)</b>	<b>305,000,000</b>

	FY-2005	CY-2005
<b>U.S. Helium Exports</b> (3)	1,826,048	1,851,322

(1) Includes drip gas sales & other miscellaneous gas sales.

(2) Includes pipeline, field survey, and other requested analyses.

(3) Data from Department of Commerce - Bureau of the Census.

# Table 7 - Helium Storage Contract Activity

May - 2006

All Volumes in Mcf at 14.65 psia & 60°F

	Metered Gas						Transferred Gas Helium		Stored Helium EOM	Charges Billed (\$)**	
	Gross Gas	Helium %	Helium	Helium			Month	Cumulative		Month	FYTD
				FYTD	CYTD	Cumulative					
<b>Total All Contracts*</b>											
Crude Acquired	82,463	67.3%	55,463	504,082	335,533	26,988,377	56,801	32,384,010			
Crude Disposed	294,116	74.9%	220,184	1,795,332	1,111,912	29,893,652	33,630	27,003,159			\$312,383 Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718					\$185,915 RMF Fees
Net/Balance	(211,653)		(164,721)	(1,291,250)	(776,379)	(4,383,993)	23,171	5,380,851	996,858		\$498,298 \$3,647,262
<b>Total Prior Contracts (TERMINATED)</b>											
Crude Acquired				0	0	17,406,129	0	18,196,898			
Crude Disposed				0	0	11,830,863	0	19,148,768			
Grade-A Rdlvrd				0	0	1,478,718					
Number of trailers				0	0	9,834			0		
<b>BOC Global Helium, Inc., Contract no. 1995-3249</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Praxair, Inc., Contract no. 1995-3251</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Air Products, L.P., Contract no. 1995-3256</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Oneok Field Services, Contract no. 1995-3258</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>ExxonMobil Gas Marketing Co., Contract no. 1995-3280</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Pioneer, Contract no. 1995-3286</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Keyes Helium Co., LLC, Contract no. 1995-3287</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Linde Gas LLC, Contract no. 2001-3282</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											
<b>Air Liquide Helium America, Inc., Contract no. 2003-3284</b>											
Crude Acquired											
Crude Disposed											
Net/Balance											

<b>Government Helium</b>	
Remaining Crude Acquired beginning of the month	24,166,110
Crude Disposed: In Kind Sales transferred for the month	(23,171)
Open Market/Reserve Sell Down transferred for the month	0
Gains and Losses for the month	(5,733)
Net/Balance of Purchased Helium Remaining for Sale	24,137,206

\*Includes In Kind and Open Market transfers from Government storage

\*\*Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

May - 2006

Field/CHEU Compressor Operations		Charges Billed (\$)*		
		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$5.28	\$7.38	\$5.91
Fuel used *	total MMBTU	15,054	108,409	424,811
Field compressor fuel revenue *	\$dollars	\$0	\$40,658	\$516,051
HEU compressor fuel credit *	\$dollars	\$43,266	\$412,277	\$1,192,921
HEU fuel credit *	\$dollars	\$36,220	\$346,811	\$802,826
#1 Compressor run time *	hours	744	5,160	27,888
#2 Compressor run time *	hours	575	3,506	18,427
#3 Compressor run time *	hours	168	2,368	12,503

\* Field/CHEU Compressor Operations based on May 06 activity

Field Compressor Charges	Charges Billed (\$)*		
BOC Global Helium, Inc., Contract no. 1995-3249			
Praxair, Inc., Contract no. 1995-3251			
Air Products, L.P., Contract no. 1995-3256			
Keyes Helium Co., LLC, Contract no. 1995-3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	(\$58,747)	(\$476,951)	(\$4,638,100)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	\$14,951	\$126,635	\$1,140,362
Net Total - Cliffside Refiners, LP	(\$43,796)	(\$350,316)	(\$3,497,738)

\* BLM provided fuel cost is based on Mar 06 fuel consumed

\*Rounded to nearest dollar

Crude Helium Enrichment Unit (CHEU) CHEU Runtime	Month		FYTD	Cumulative
	Runtime	Percent	Runtime	Runtime
Processing feed gas	744	100.0%	5,464	25,377
Producing natural gas liquids	744	100.0%	5,363	19,605
Producing helium product	744	100.0%	5,325	22,880
Producing residue gas	744	100.0%	5,364	23,794

CHEU Charges	Charges Billed (\$)*		
	Month	FYTD	Cumulative
Reservoir Management Fees (RMF)	\$185,915	\$1,465,081	\$5,131,795
Total operating costs	(\$873,427)	(\$6,975,554)	(\$30,516,599)
Labor	\$57,952	\$463,616	\$1,937,068
Compressor fuel cost *	\$40,985	\$476,526	\$1,074,186
HEU fuel cost *	\$39,681	\$371,690	\$776,119
Electric Power *	\$164,785	\$1,193,292	\$4,162,479
Other	(\$303,403)	(\$2,505,124)	(\$3,827,900)
Sub Total - Items provided by BLM	\$404,927	\$3,227,554	\$12,997,603
Total - Cliffside Refiners, LP, GDA030001	(\$468,500)	(\$3,748,000)	(\$17,518,996)

\* Based on Mar 06 activity

\*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
CheU Fuel Gas (Mcf) *	5,893	41,576	127,072
CheU Pure Water Usage (gallons) *	4,220	23,816	114,408
Electricity Metered (Kwh) used *	2,433,024	17,970,250	72,513,534